

6. A multichannel audio signal processing device as claimed in ~~any one of the~~ ^{claims 2 to 5}, characterized in that the filter means comprise filters for obtaining a desired virtual spatial widening from which the audio signals can be heard through separate reproduction channels.

A 7. A multichannel audio signal processing device as claimed in ^{claim 2} ~~any one of the~~
A ~~claims 2 to 5~~, characterized in that the filter means comprise equalization filters or tone
control filters of an alternative kind.

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- / 8. Method for processing an audio signal comprising the steps:
- receiving coded audio signals in different frequency subtend areas,
 - decoding and synthesizing the audio signals
 - combining the different signals for each subtend.

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